

UP DATED EAST SEARCH HISTORY CASE 10/619, 090

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 2525 | method with electrophoretic | USPAT | OR | OFF | 2005/10/13 17:00 |
| S2 | 72 | method with making with electrophoretic | USPAT | OR | OFF | 2005/10/13 20:25 |
| S3 | 12 | (method with making with electrophoretic).ab. | USPAT | OR | OFF | 2004/09/03 16:47 |
| S4 | 1 | ("6172798").PN. | USPAT; USOCR | OR | OFF | 2004/09/03 13:32 |
| S5 | 669 | (electrophoretic\$1).ti. | USPAT | OR | OFF | 2004/09/03 17:14 |
| S6 | 3 | ((electrophoretic\$1).ti.) and dinh | USPAT | OR | OFF | 2004/09/03 16:48 |
| S7 | 4896 | (electrophoretic\$1).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 17:15 |
| S8 | 6 | ((electrophoretic\$1).ti.) and "20001027".AD. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 17:20 |
| S9 | 2912 | ((electrophoretic\$1).ti.) and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 17:23 |
| S10 | 55 | ((electrophoretic\$1).ti.) and (microcapsule\$1 same substrate\$1 same particle\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 17:22 |
| S11 | 15 | (((electrophoretic\$1).ti.) and (microcapsule\$1 same substrate\$1 same particle\$1)) and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 22:38 |
| S12 | 2 | "20040061927" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 17:57 |
| S13 | 1 | "20040061927" and binder\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 20:16 |

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|-----|------|--|---|----|-----|------------------|
| S14 | 1 | "20040061927" and (emulsion adj adhesive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 19:57 |
| S15 | 1 | ("6172798").PN. | USPAT; USOCR | OR | OFF | 2004/09/03 19:57 |
| S16 | 1 | (("6172798").PN.) and (particle\$1 with charge\$1) | USPAT | OR | OFF | 2004/09/03 21:20 |
| S17 | 1 | ((("6172798").PN.) and (particle\$1 with charge\$1) and (fluid\$1 with (color\$3 or dye\$1))) | USPAT | OR | OFF | 2004/09/03 20:13 |
| S18 | 1 | ((("6172798").PN.) and (particle\$1 with positive\$2 with negative\$2)) | USPAT | OR | OFF | 2004/09/03 20:13 |
| S19 | 1 | "20040061927" and (particle\$1 same positive\$2 same negative\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 20:21 |
| S20 | 1027 | electrophoretic\$1 and (particle\$1 with positive\$2 with negative\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/05 18:23 |
| S21 | 684 | (electrophoretic\$1 and (particle\$1 with positive\$2 with negative\$2)) and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 20:22 |
| S22 | 878 | electrophoretic\$1 and (particle\$1 with positive\$2 with negative\$2 with charge\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 20:37 |
| S23 | 309 | electrophoretic\$1 and (particle\$1 with (positively adj charged) with (negatively adj charged)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/06 13:59 |
| S24 | 191 | (electrophoretic\$1 and (particle\$1 with (positively adj charged) with (negatively adj charged))) and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 20:39 |
| S25 | 88 | electrophoretic\$1 same (particle\$1 with (positively adj charged) with (negatively adj charged)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 20:39 |

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|-----|------|---|---|----|-----|------------------|
| S26 | 45 | (electrophoretic\$1 same (particle\$1 with (positively adj charged) with (negatively adj charged))) and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 20:58 |
| S27 | 6 | microcapsule\$1 with (emulsion adj adhesive\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 22:38 |
| S28 | 4 | (microcapsule\$1 with (emulsion adj adhesive\$1)) and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/07 16:25 |
| S29 | 1 | (("6172798").PN.) and (fluid with (transparent or clear)) | USPAT | OR | OFF | 2004/09/03 22:33 |
| S30 | 4 | US-5961804-.DID. OR US-6067185-.DID. OR US-6172798-.DID. OR US-6323989-.DID. | USPAT | OR | OFF | 2004/09/03 22:37 |
| S31 | 511 | (359/296).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/05 18:23 |
| S32 | 484 | (345/107,109).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 22:37 |
| S33 | 309 | (430/32,35,36).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 22:38 |
| S34 | 3572 | (428/323).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 22:38 |
| S35 | 4666 | ((359/296).CCLS.) or ((345/107, 109).CCLS.) or ((430/32,35,36). CCLS.) or ((428/323).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/07 19:46 |

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|-----|------|---|--|----|-----|------------------|
| S36 | 535 | ((359/296).CCLS.) or ((345/107, 109).CCLS.) or ((430/32,35,36). CCLS.) or ((428/323).CCLS.) and electrophoretic | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/03 22:38 |
| S37 | 304 | (((359/296).CCLS.) or ((345/107, 109).CCLS.) or ((430/32,35,36). CCLS.) or ((428/323).CCLS.) and electrophoretic) and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/07 19:46 |
| S38 | 57 | microcapsule\$1 with flat with surface\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/07 16:33 |
| S39 | 38 | S38 and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/07 16:33 |
| S40 | 169 | microcapsule\$1 with flat | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/07 16:33 |
| S42 | 108 | S40 and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/07 16:34 |
| S43 | 70 | S42 not S39 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/07 16:34 |
| S44 | 5504 | ((359/296).CCLS.) or ((345/107, 109).CCLS.) or ((430/32,35,36). CCLS.) or ((428/323).CCLS.) or ((349/86).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/13 20:17 |
| S45 | 317 | S44 and electrophoretic and @ad<="20001027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/07 19:47 |
| S46 | 713 | (359/296).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/05 18:23 |

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|-----|------|--|---|----|-----|------------------|
| S48 | 1 | "20040061927" | US-PGPUB; USPAT | OR | OFF | 2005/10/05 18:27 |
| S49 | 370 | S46 and @ad<="20011029" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/05 18:27 |
| S50 | 1 | S48 and adhesive\$1 | US-PGPUB; USPAT | OR | OFF | 2005/10/05 19:01 |
| S51 | 1 | S48 and (adhesive\$1 with binder\$1) | US-PGPUB; USPAT | OR | OFF | 2005/10/05 19:32 |
| S52 | 138 | S49 and (adhesive\$1 or binder\$1) | US-PGPUB; USPAT | OR | OFF | 2005/10/05 19:40 |
| S53 | 28 | S49 and ((adhesive\$1 or binder\$1) with capsule\$1) | US-PGPUB; USPAT | OR | OFF | 2005/10/05 19:40 |
| S54 | 1589 | evaporat\$4 with (capsule\$1 or microcapsule\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/06 14:01 |
| S55 | 55 | S54 and electrophoretic\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/06 14:01 |
| S56 | 9 | electrophoretic\$1 same (evaporat\$4 with (capsule\$1 or microcapsule\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/06 14:01 |
| S57 | 760 | (method with electrophoretic).clm. | USPAT | OR | OFF | 2005/10/13 17:00 |
| S58 | 1 | S57 and (jack with dinh) | USPAT | OR | OFF | 2005/10/13 17:00 |
| S59 | 5819 | ((359/296).CCLS.) or ((345/107, 109).CCLS.) or ((430/32,35,36). CCLS.) or ((428/323).CCLS.) or ((349/86).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/13 20:19 |
| S60 | 351 | S59 and @pd>="20050301" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/13 20:20 |

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|-----|------|---|--|----|-----|------------------|
| S61 | 1378 | (method\$1 with electrophoretic\$1).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/13 21:05 |
| S62 | 7 | (method\$1 with electrophoretic\$1) same ((evaporat\$3 or dry\$3) with (microcapsule\$1 or (micro adj capsule\$1))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/13 21:03 |
| S63 | 28 | electrophoretic\$1 same ((evaporat\$3 or dry\$3) with (microcapsule\$1 or (micro adj capsule\$1))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/13 21:03 |

EAST INTERFERENCE SEARCH HISTORY CASE 10/619,090

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| L2 | 0 | (method\$1 with electrophoretic\$1 with evaporat\$3 with (microcapsule\$1 or capsule\$1) with adhesive\$1).clm. | US-PGPUB | OR | OFF | 2005/10/13 21:07 |

EAST Search Results Case No. 10/619,090

| | | | |
|-------------------|----------|--|---------|
| US 5216416 A | USPAT | Electrophoretic display panel with interleaved local anode | 345/107 |
| US 5961804 A | USPAT | Microencapsulated electrophoretic display | 204/606 |
| US 5972493 A | USPAT | Microcapsules for magnetic display and magnetic display sheet comprising such microcapsules | 428/323 |
| US 6067185 A | USPAT | Process for creating an encapsulated electrophoretic display | 359/296 |
| US 6172798 B1 | USPAT | Shutter mode microencapsulated electrophoretic display | 359/296 |
| US 6181393 B1 | USPAT | Liquid crystal display device and method of manufacturing the same | 349/86 |
| US 6323989 B1 | USPAT | Electrophoretic displays using nanoparticles | 359/296 |
| US 6377387 B1 | USPAT | Methods for producing droplets for use in capsule-based electrophoretic displays | 359/296 |
| US 6392786 B1 | USPAT | Electrophoretic medium provided with spacers | 359/296 |
| US 6400492 B1 | USPAT | Electrophoretic display liquid, and electrophoretic display medium, method and device using the liquid | 359/296 |
| US 6504524 B1 | USPAT | Addressing methods for displays having zero time-average field | 345/107 |
| US 6515649 B1 | USPAT | Suspended particle displays and materials for making the same | 345/107 |
| US 6724519 B1 | USPAT | Protective electrodes for electrophoretic displays | 359/296 |
| US 6876476 B1 | USPAT | Display device and process for production thereof | 359/252 |
| US 20020044333 A1 | US-PGPUB | Image display medium | 359/296 |
| US 20020089735 A1 | US-PGPUB | Non-spherical cavity electrophoretic displays and materials for making the same | 359/296 |
| US 20020149835 A1 | US-PGPUB | Electrophoretic display, method for making the electrophoretic display, and electronic apparatus | 359/296 |
| US 20030137717 A1 | US-PGPUB | ENCAPSULATED ELECTROPHORETIC DISPLAYS HAVING A MONOLAYER OF CAPSULES AND MATERIALS AND METHODS FOR MAKING THE SAME | 359/296 |

NPL SEARCH (INSPEC) HISTORY CASE # 10/1619,090

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INSPEC - 1969 to date (INZZ)

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Search history:

| No. | Database | Search term | Info added since | Results | |
|-----|----------|---|------------------|---------|---|
| 1 | INZZ | method\$1 WITH electrophoretic\$1 SAME (evaporat\$3 OR dry\$3) WITH (microcapsule\$1 OR micro ADJ capsule\$1) | unrestricted | 0 | - |
| 2 | INZZ | electrophoretic\$1 SAME (evaporat\$3 OR dry\$3) WITH (microcapsule\$1 OR micro ADJ capsule\$1) | unrestricted | 0 | - |

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- Classification codes A: Physics, 2-3
- Classification codes A: Physics, 4-5
- Classification codes A: Physics, 6
- Classification codes A: Physics, 7
- Classification codes A: Physics, 8
- Classification codes A: Physics, 9
- Classification codes B: Electrical & Electronics, 0-5
- Classification codes B: Electrical & Electronics, 6-9
- Classification codes C: Computer & Control